



Imagine yourself a district attorney in a star federation trying to make the case that these point sources in IC2118 are T-Tauri stars. You must convince the jury (your astronomer colleagues) that these are, indeed, small young stars tucked away in their IC2118 nursery.

Like any good prosecutor, you need a **preponderance of the evidence**. How many of the characteristics listed above for young stars can you "pin" on a candidate?

Is it enough to "convict"?

Some characteristics can only be seen by chance—you have to catch the star in the act, so to speak.

Your surveillance begins: observing the stars in as many wavelengths and epochs as you can, and analyzing the evidence.

- Also included in the advanced topics section are in-depth discussions of color-color diagrams, spectral energy distributions and background information on studying young stars; particularly helpful is the section on the characteristics of young stellar objects.